

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020823\
 Data File : VU053001.D
 Acq On : 08 Feb 2023 15:05
 Operator : JC/MD
 Sample : VU0208MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK044

Quant Time: Feb 09 01:48:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 09 01:09:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

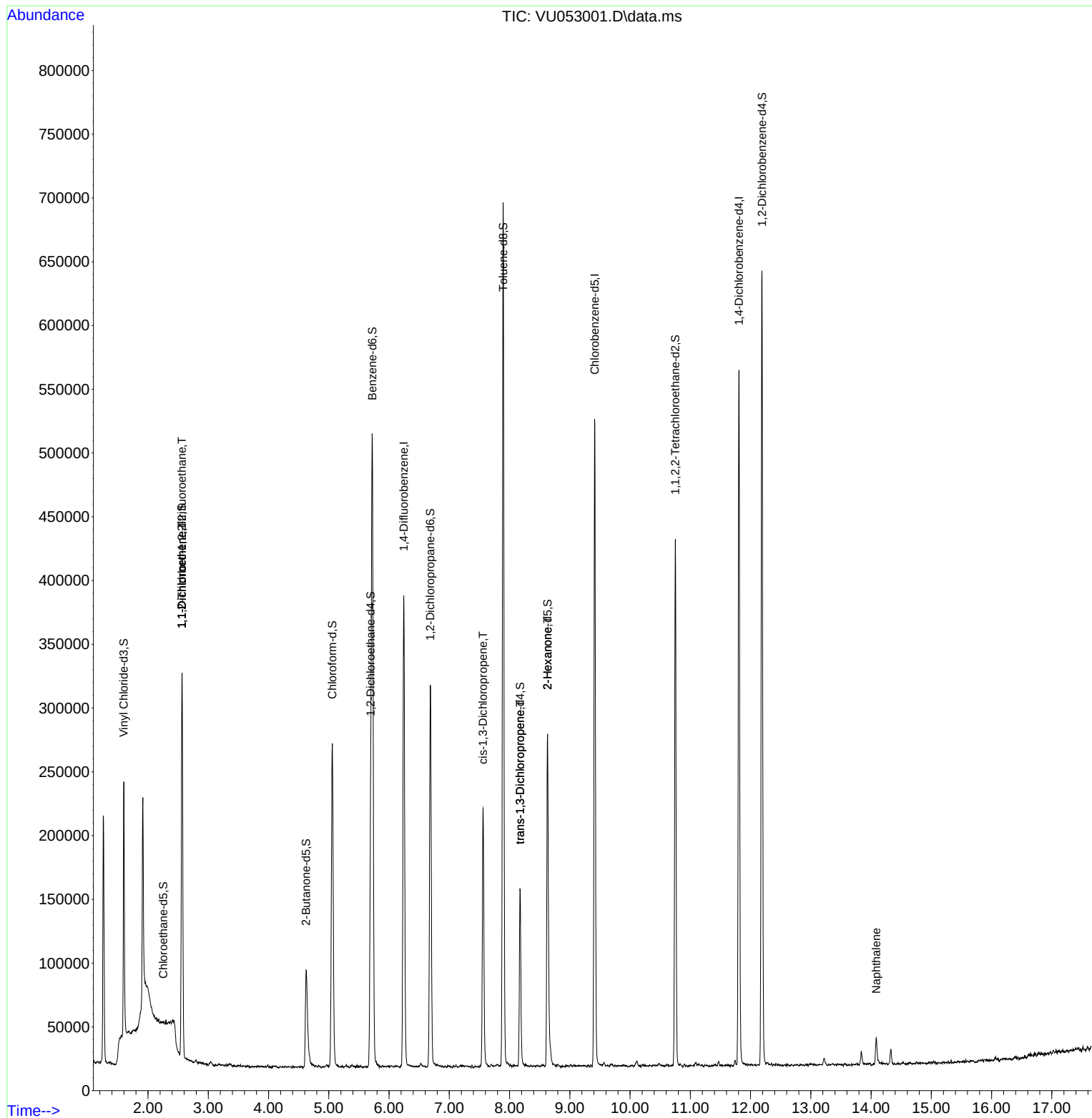
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	320296	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	295530	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	150437	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	144156	48.444	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.880%
7) Chloroethane-d5	2.254	69	546	0.227	ug/L	0.34
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.460%#
11) 1,1-Dichloroethene-d2	2.563	63	171699	37.653	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.300%
21) 2-Butanone-d5	4.624	46	114550	99.251	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.250%
24) Chloroform-d	5.058	84	234699	47.701	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.694	65	143671	48.855	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.700%
32) Benzene-d6	5.723	84	491516	50.129	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.260%
36) 1,2-Dichloropropane-d6	6.685	67	149491	49.415	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.840%
41) Toluene-d8	7.894	98	470900	49.015	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.020%
43) trans-1,3-Dichloroprop...	8.173	79	82229	49.596	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.200%
47) 2-Hexanone-d5	8.630	63	97339	105.956	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.960%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	204259	48.773	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.540%
66) 1,2-Dichlorobenzene-d4	12.189	152	169185	50.533	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.060%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	1922	0.872	ug/L #	36
12) 1,1-Dichloroethene	2.563	96	1560	0.742	ug/L #	1
39) cis-1,3-Dichloropropene	7.559	75	5283	1.338	ug/L #	60
44) trans-1,3-Dichloropropene	8.173	75	3833	1.001	ug/L #	75
48) 2-Hexanone	8.630	43	10476	5.907	ug/L #	80
71) Naphthalene	14.086	128	19512	2.038	ug/L	99

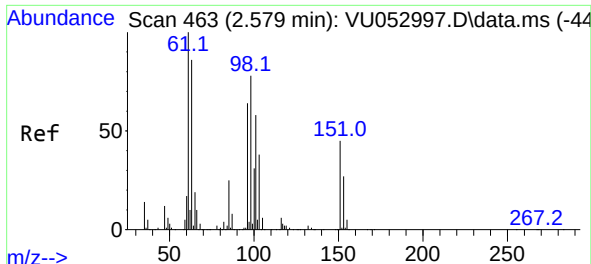
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK044

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Quant Title : VOC Analysis
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Response via : Initial Calibration

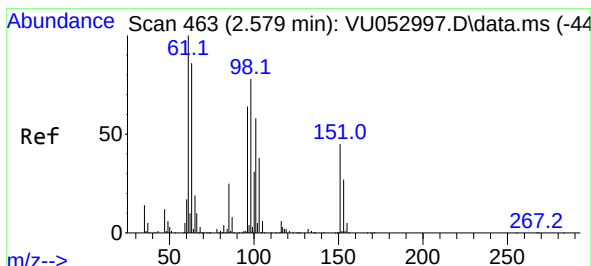
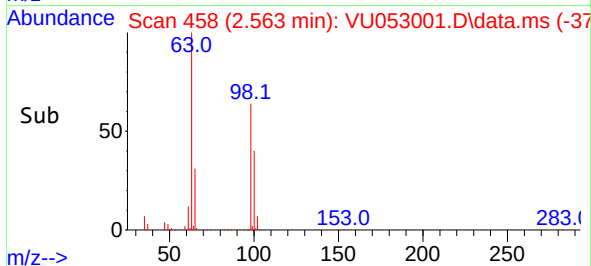
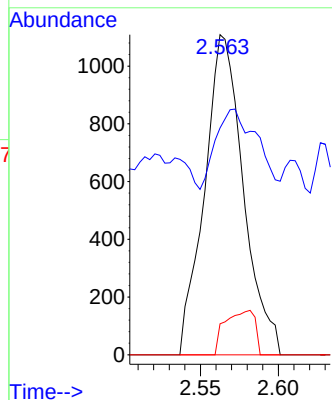
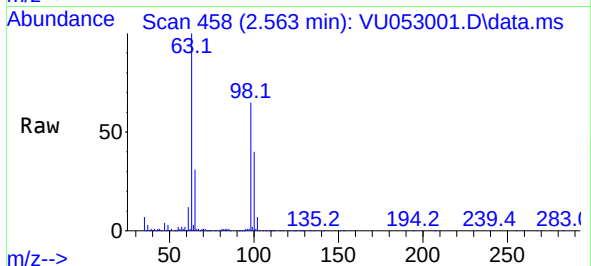




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.872 ug/L
RT: 2.563 min Scan# 41
Delta R.T. -0.016 min
Lab File: VU053001.D
Acq: 08 Feb 2023 15:05

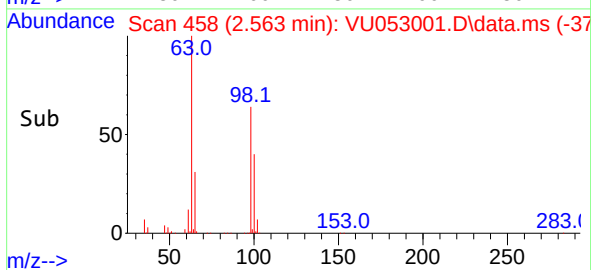
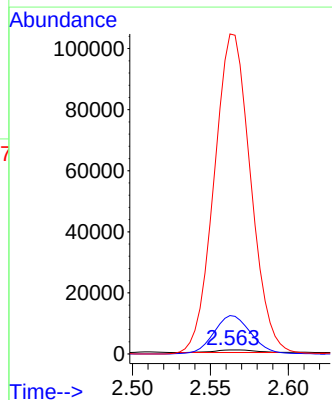
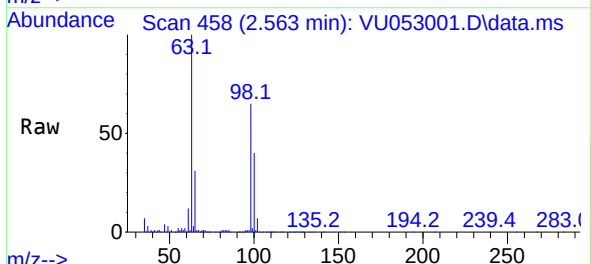
Instrument :
MSVOA_U
ClientSampleId :
VBLK044

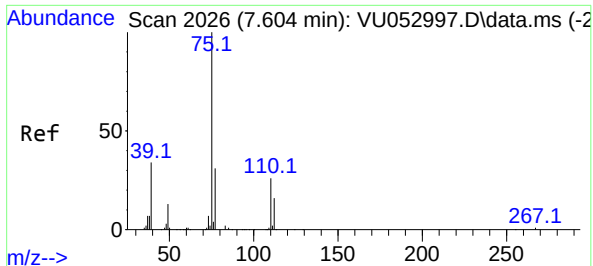
Tgt Ion:101 Resp: 1922
Ion Ratio Lower Upper
101 100
85 17.6 32.9 49.3#
151 10.6 62.6 94.0#



#12
1,1-Dichloroethene
Concen: 0.742 ug/L
RT: 2.563 min Scan# 458
Delta R.T. -0.016 min
Lab File: VU053001.D
Acq: 08 Feb 2023 15:05

Tgt Ion: 96 Resp: 1560
Ion Ratio Lower Upper
96 100
61 967.3 114.3 212.3#
63 8048.5 80.6 149.6#





#39

cis-1,3-Dichloropropene

Concen: 1.338 ug/L

RT: 7.559 min Scan# 20

Delta R.T. -0.045 min

Lab File: VU053001.D

Acq: 08 Feb 2023 15:05

Instrument :

MSVOA_U

ClientSampleId :

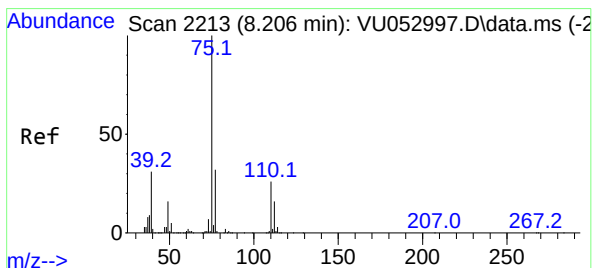
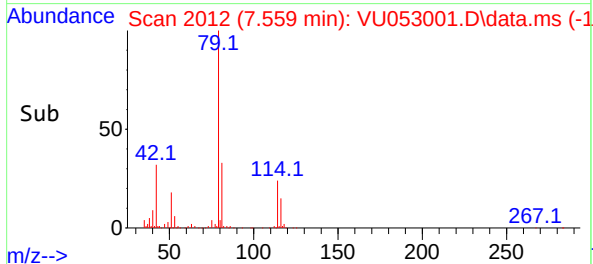
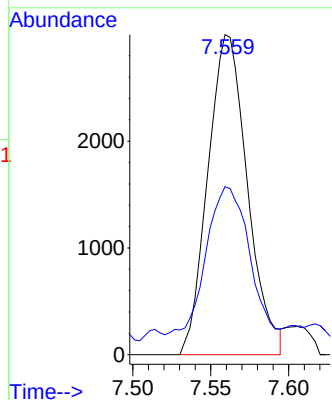
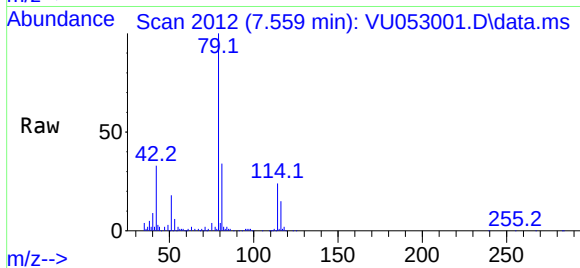
VBLK044

Tgt Ion: 75 Resp: 5283

Ion Ratio Lower Upper

75 100

77 52.5 21.6 40.0#



#44

trans-1,3-Dichloropropene

Concen: 1.001 ug/L

RT: 8.173 min Scan# 2203

Delta R.T. -0.032 min

Lab File: VU053001.D

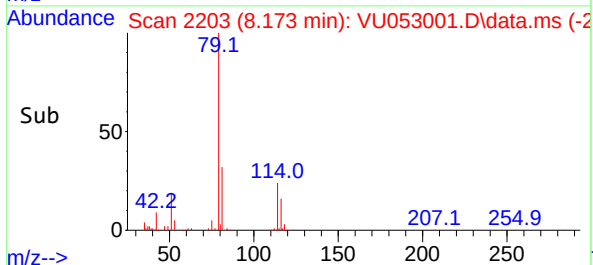
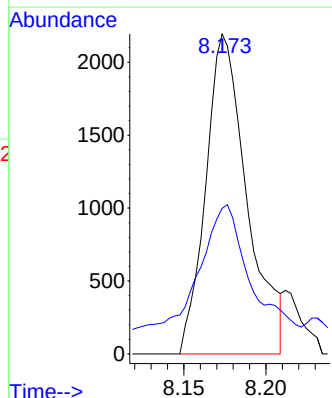
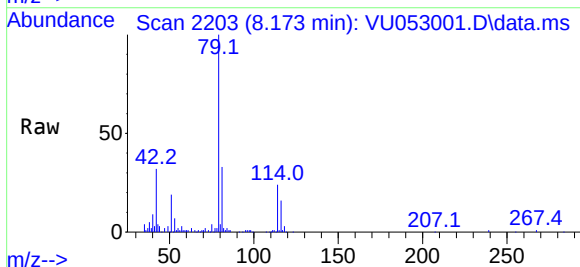
Acq: 08 Feb 2023 15:05

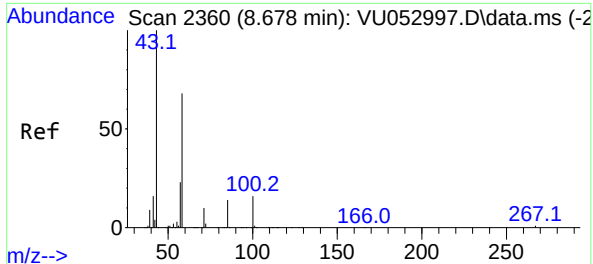
Tgt Ion: 75 Resp: 3833

Ion Ratio Lower Upper

75 100

77 45.5 22.3 41.3#



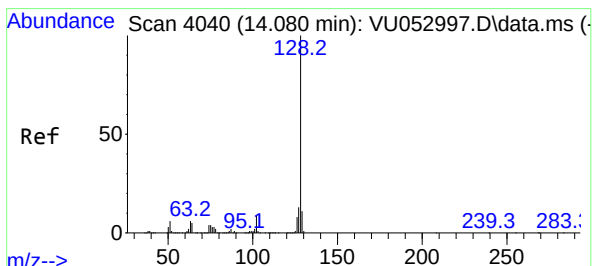
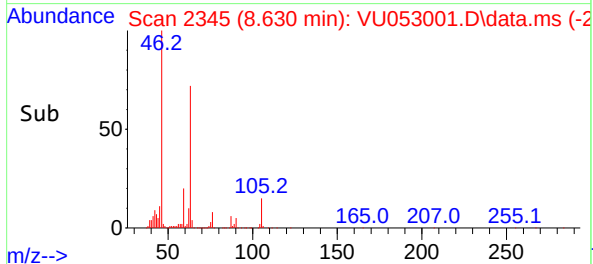
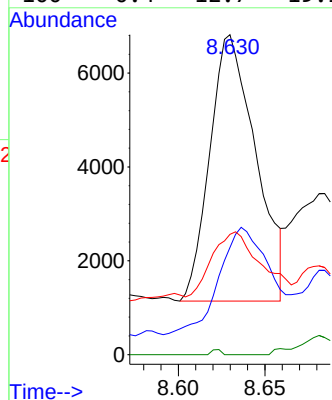
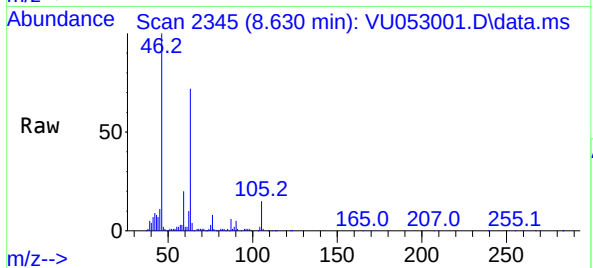


#48
2-Hexanone
Concen: 5.907 ug/L
RT: 8.630 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU053001.D
Acq: 08 Feb 2023 15:05

Instrument :
MSVOA_U
ClientSampleId :
VBLK044

Tgt Ion: 43 Resp: 10476

Ion	Ratio	Lower	Upper
43	100		
58	46.2	48.0	72.0#
57	27.2	16.8	25.2#
100	0.4	12.7	19.1#



#71
Naphthalene
Concen: 2.038 ug/L
RT: 14.086 min Scan# 4042
Delta R.T. 0.006 min
Lab File: VU053001.D
Acq: 08 Feb 2023 15:05

Tgt Ion: 128 Resp: 19512

Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.3	15.5
129	11.0	8.8	13.2

